

Whole Building Pollutant Sources

For each building, information was collected regarding sources that may have potential impact on the building in terms of indoor air quality. These may include sources such as past or current water damage, pesticide application practices, special use spaces, etc.

Test Space Physical Characteristics

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BASE Buildings Test Space Characteristics: Floor Areas and Occupancy

	Test Space Occupied Floor Area (m ²) ¹	Test Space Gross Floor Area (m ²) ²	Design Test Space Floor Area Per Work Station (m ²)	Number of Test Space Occupants	
				Occupants in Test Space	Occupants per 100 m ² of Occupied Floor Area
Number of Buildings Reporting	100	87	100	100	100
Mean (Arithmetic)	1,540	1,822	19	55	4.0
Standard Deviation	744	830	8	18	1.5
Minimum	427	500	5	25	1.5
10th Percentile	881	1,150	10	35	2.4
25th Percentile	1,127	1,301	14	45	2.8
50th Percentile	1,428	1,680	18	54	3.6
75th Percentile	1,784	2,077	24	64	5.0
90th Percentile	2,251	2,551	28	74	6.2
Maximum	6,438	6,776	49	139	8.5
Notes: ¹ Conversion: 1 m ² equals 10.764 ft ² . ² Data not reported for 13 buildings surveyed in 1994 as the building survey software was did not include this variable at that time.					

Variable Descriptions:

Test Space Gross Floor Area is the total floor area for the test space. Includes currently occupied tenant office space, bathrooms, janitor's closets, common hallways, etc. Areas typically excluded from this value (if located on the outside boundary of the test space) are mechanical rooms, utility closets, stairwells, elevator shafts, and any currently vacant office space. Note that these areas are typically included as part of the gross floor area if located within the interior of the test space.

Test Space Occupied Floor Area includes only that space which is typically occupied. Generally, this included interior areas of tenanted office including conference rooms, filing rooms, kitchenettes, etc. This value typically excluded common hallways, bathrooms, janitor's closet, mechanical rooms, cafeterias, etc.

Design Test Space Floor Area Per Work Station represents the actual test space occupant density derived from taking the test space occupied floor area and dividing by the total number of work stations located within the bounds of the test space. Units are reported as m² per workstation.

Occupants in Test Space is the average test space occupancy, based on the average of the daily (morning and afternoon) test space occupancy counts during the study week, starting on Monday morning and going through Friday morning.

Occupants per 100 m² of Occupied Floor Area was calculated by dividing the average number of test space occupants by the test space occupied floor area.

BASE Buildings Test Space Characteristics: Distribution of Workstations

	Number of Workstations in Private Offices		Number of Workstations in Partitioned Office Space ¹		Number of Workstations in Open Office Space	
	Total in Test Space	Per 100 m ² of Occupied Floor Area ²	Total in Test Space	Per 100 m ² of Occupied Floor Area	Total in Test Space	Per 100 m ² of Occupied Floor Area
Number of Buildings Reporting	100	100	100	100	100	100
Mean (Arithmetic)	27	1.9	29	2.1	16	1.2
Standard Deviation	17	1.4	27	1.9	17	1.6
Minimum	1	0.1	0	0.0	0	0.0
10th Percentile	5	0.4	3	0.1	0	0.0
25th Percentile	13	1.0	9	0.7	3	0.2
50th Percentile	25	1.6	24	1.6	12	0.8
75th Percentile	38	2.7	42	3.0	23	1.6
90th Percentile	48	3.6	72	5.0	39	3.2
Maximum	90	8.9	99	7.4	84	9.5
Notes:						
¹ Statistics may be underestimated as the field data collection software only allowed two characters to be entered for this variable (i.e., the maximum entry was "99" even if value exceeded this number).						
² Conversion: 1 m ² equals 10.764 ft ² .						

Variable Descriptions:

Number of Test Space Work Stations in Private Offices are offices with no more than three workstations enclosed by permanent walls with an operable door.

Number of Test Space Work Stations in Partitioned Offices are offices which are separated by partitions that do not extend to the ceiling.

Number of Test Space Work Stations in Open Offices are those offices in which the workstations are not separated by any walls or partitions.

Number of Workstations per 100 m² of Occupied Floor Area was calculated by dividing the number of workstations of each category by the test space occupied floor area.

BASE Buildings Test Space Characteristics: Space Use and Ventilation Modifications

Modifications from Original Design of Building	Number of Buildings Reporting	
	Space Use Modification ¹	Ventilation System Modification ²
Test Spaces Having Modification Shown	25	50
<u>Notes:</u> ¹ Space use modifications as reported for all BASE buildings (n=100). ² Data represent 99 BASE buildings indicating a response for ventilation system modification. One building did not report a response.		

Variable Descriptions:

Space Use Modification refers to a test space where the current space use has changed from the original building space use (i.e., warehouse to office space).

Ventilation System Modification refers to a test space that has had modification made to the heating, ventilating, and air conditioning systems compared to that originally installed.

BASE Buildings Test Space Characteristics: Windows

	Number of Windows in Test Space		Percentage of Operable Windows in Test Space ³
	Total in Test Space	Per 100 m ² of Gross Floor Area ^{1,2}	
Number of Buildings Reporting	100	87	100
Mean (Arithmetic)	79	4.3	29
Standard Deviation	55	2.5	44
Minimum	0	0.0	0
10th Percentile	22	1.5	0
25th Percentile	41	2.3	0
50th Percentile	71	3.9	0
75th Percentile	107	5.8	90
90th Percentile	141	7.5	100
Maximum	292	12.4	100
Notes: ¹ Gross floor space not reported for 13 buildings surveyed in 1994 as the building survey software was did not include this variable at that time. ² Conversion: 1 m ² equals 10.764 ft ² . ³ Percentage of operable windows in test space was calculated by dividing the number of operable windows reported for each space by the number of windows in the space.			

Variable Descriptions:

Total Number of Windows in Test Space describes the total number of windows within the bounds of the test space.

Number of Windows per 100 m² of Gross Floor Area was calculated by dividing the total number of windows in the test space by the test space gross floor area.

Percentage of Operable Windows in Test Space describes the percentage of test space windows that are operable.

BASE Buildings Test Space Characteristics: All Interior Finishes

	Number of Buildings Reporting	
Wall	Primary	Secondary²
Painted Wallboard	82	7
Wallpaper	4	11
Fabric Wall Covering	2	2
Wood Paneling	9	13
Metal	0	8
Other	3	10
Total Number of Buildings Reporting	100	41
Ceiling	Primary	Secondary³
Suspended Ceiling	94	3
Painted Wallboard	0	0
Fabric Wall Covering	1	2
Wood Paneling	2	10
Metal	0	0
Other	3	8
Total Number of Buildings Reporting	100	20
Partition	Primary¹	Secondary⁴
Cloth	82	2
Plastic	3	5
Wood Veneer	2	35
Wood	2	15
Metal	1	4
Other	8	5
Total Number of Buildings Reporting	98	66
Floor	Primary	Secondary⁵
Carpet	88	11
Plastic or Tile Sheet	1	3
Wood	9	34
Concrete	0	2
Other	2	5
Total Number of Buildings Reporting	100	52

Notes:

¹Represents the number of buildings equipped with partitions (n=98).

²Represents the number of buildings reporting at least one secondary wall type (n=41). Total number of buildings reported exceeds 41 as some buildings reported more than one secondary interior wall finish.

³Represents the number of buildings reporting at least one secondary interior ceiling finish (n=20). Total number of buildings reported exceeds 20 as some buildings reported more than one secondary interior ceiling finish.

⁴Represents the number of buildings reporting at least one secondary partition finish (n=66).

⁵Represents the number of buildings reporting at least one secondary floor finish (n=52). Total number of buildings reported exceeds 52 as some buildings reported more than one floor finish.

Variable Descriptions:

Wall

Primary Interior Wall Finish describes the primary interior wall construction material for the test space. The primary wall finish material is the material installed throughout the majority of the test space.

Secondary Interior Wall Finish describes the secondary interior wall construction material for the test space.

The following categories apply:

Painted Wallboard refers to walls that are made up of gypsum sheet that are joined and painted.

Wallpaper refers to sheets of vinyl or paper material that are glued to the interior wall surfaces.

Fabric Wall Covering refers to sheets or panels of fabric that are attached to the interior wall surfaces.

Wood Paneling refers to wood sheets that make up the interior wall surfaces.

Metal refers to metal panels that make up the interior wall surfaces.

Other refers to any other interior wall finish that is not otherwise defined.

Ceiling

Primary Interior Ceiling Finish describes the primary ceiling finish material for the test space. The primary ceiling finish material is the material installed throughout the majority of the test space.

Secondary Interior Ceiling Finish describes the secondary interior ceiling construction material for the test space.

The following categories apply:

Suspended Ceiling refers to a ceiling system where tiles are placed in a grid that is suspended from the structural ceiling.

Painted Wallboard refers to ceilings that are made up of gypsum sheet that are joined and painted.

Fabric Wall covering refers to sheets or panels of fabric that are attached to the interior ceiling surfaces.

Wood Paneling refers to wood sheets that make up the interior ceiling surfaces.

Metal refers to metal panels that make up the interior ceiling surface.

Other refers to any other interior ceiling finish that is not otherwise defined.

Partition

Primary Partition Finish describes the primary partition finish material for the test space. The primary partition finish material is the material installed throughout the majority of the test space.

Secondary Partition Finish describes the secondary partition finish material for the test space.

The following categories apply:

Cloth refers to fabric attached to the partitions.

Plastic refers to sheets or panels of plastic that are attached to the partitions.

Wood Veneer refers to the use of wood veneer as a partition construction material.

Wood refers to the use of wood as a partition construction material.

Metal refers to the use of metal as a partition construction material.

Other refers to any other partition material that is not otherwise defined.

Floor

Primary Interior Floor Finish describes the primary interior floor finish material for the test space. The primary interior floor finish material is the material installed throughout the majority of the test space.

Secondary Interior Floor Finish describes the secondary interior floor finish material for the test space.

The following categories apply:

Carpet refers to an interior floor finish made up of permanent wall-to-wall carpet.

Plastic or Tile Sheet refers to an interior floor finish made up of tile squares, linoleum sheets, or vinyl composite tile (VCT).

Wood refers to an interior floor finish made up of wood.

Concrete refers to an interior floor finish made up of concrete.

Other refers to any other interior floor finish that is not otherwise defined.

BASE Buildings Test Space Characteristics: Test Space Interior Wall Finishes

Interior Wall Finish	Number of Buildings Reporting	
	Primary	Secondary ¹
Painted Wallboard	82	7
Wallpaper	4	11
Fabric Wall Covering	2	2
Wood Paneling	9	13
Metal	0	8
Other	3	10
Total Number of Buildings Reporting	100	41
<u>Notes:</u> ¹ Represents the number of buildings reporting at least one secondary wall type (n=41). Total number of buildings reported exceeds 41 as some buildings reported more than one secondary interior wall finish.		

Variable Descriptions:

Primary Interior Wall Finish describes the primary interior wall construction material for the test space. The primary wall finish material is the material installed throughout the majority of the test space.

Secondary Interior Wall Finish describes the secondary interior wall construction material for the test space.

The following categories apply:

Painted Wallboard refers to walls that are made up of gypsum sheet that are joined and painted.

Wallpaper refers to sheets of vinyl or paper material that are glued to the interior wall surfaces.

Fabric Wall Covering refers to sheets or panels of fabric that are attached to the interior wall surfaces.

Wood Paneling refers to wood sheets that make up the interior wall surfaces.

Metal refers to metal panels that make up the interior wall surfaces.

Other refers to any other interior wall finish that is not otherwise defined.

BASE Buildings Test Space Characteristics: Test Space Interior Ceiling Finishes

Interior Ceiling Finish	Number of Buildings Reporting	
	Primary	Secondary ¹
Suspended Ceiling	94	3
Painted Wallboard	0	0
Fabric Wall Covering	1	2
Wood Paneling	2	10
Metal	0	0
Other	3	8
Total Number of Buildings Reporting	100	20
<u>Notes:</u> ¹ Represents the number of buildings reporting at least one secondary interior ceiling finish (n=20). Total number of buildings reported exceeds 20 as some buildings reported more than one secondary interior ceiling finish.		

Variable Descriptions:

Primary Interior Ceiling Finish describes the primary ceiling finish material for the test space. The primary ceiling finish material is the material installed throughout the majority of the test space.

Secondary Interior Ceiling Finish describes the secondary interior ceiling construction material for the test space.

The following categories apply:

Suspended Ceiling refers to a ceiling system where tiles are placed in a grid that is suspended from the structural ceiling.

Painted Wallboard refers to ceilings that are made up of gypsum sheet that are joined and painted.

Fabric Wall covering refers to sheets or panels of fabric that are attached to the interior ceiling surfaces.

Wood Paneling refers to wood sheets that make up the interior ceiling surfaces.

Metal refers to metal panels that make up the interior ceiling surface.

Other refers to any other interior ceiling finish that is not otherwise defined.

BASE Buildings Test Space Characteristics: Test Space Partition Finishes

Partition Finish	Number of Buildings Reporting	
	Primary ¹	Secondary ²
Cloth	82	2
Plastic	3	5
Wood Veneer	2	35
Wood	2	15
Metal	1	4
Other	8	5
Total Number of Buildings Reporting	98	66
Notes: ¹ Represents the number of buildings equipped with partitions (n=98) ² Represents the number of buildings reporting at least one secondary partition finish (n=66).		

Variable Descriptions:

Primary Partition Finish describes the primary partition finish material for the test space. The primary partition finish material is the material installed throughout the majority of the test space.

Secondary Partition Finish describes the secondary partition finish material for the test space.

The following categories apply:

Cloth refers to fabric attached to the partitions.

Plastic refers to sheets or panels of plastic that are attached to the partitions.

Wood Veneer refers to the use of wood veneer as a partition construction material.

Wood refers to the use of wood as a partition construction material.

Metal refers to the use of metal as a partition construction material.

Other refers to any other partition material that is not otherwise defined.

BASE Buildings Test Space Characteristics: Test Space Interior Floor Finishes

Interior Floor Finish	Number of Buildings Reporting	
	Primary	Secondary ¹
Carpet	88	11
Plastic or Tile Sheet	1	3
Wood	9	34
Concrete	0	2
Other	2	5
Total Number of Buildings Reporting	100	52
Notes: ¹ Represents the number of buildings reporting at least one secondary floor finish (n=52). Total number of buildings reported exceeds 52 as some buildings reported more than one floor finish.		

Variable Descriptions:

Primary Interior Floor Finish describes the primary interior floor finish material for the test space. The primary interior floor finish material is the material installed throughout the majority of the test space.

Secondary Interior Floor Finish describes the secondary interior floor finish material for the test space.

The following categories apply:

Carpet refers to an interior floor finish made up of permanent wall-to-wall carpet.

Plastic or Tile Sheet refers to an interior floor finish made up of tile squares, linoleum sheets, or vinyl composite tile (VCT).

Wood refers to an interior floor finish made up of wood.

Concrete refers to an interior floor finish made up of concrete.

Other refers to any other interior floor finish that is not otherwise defined.

BASE Buildings Test Space Characteristics: Number of Systems Furniture and Moveable Furniture Work Stations

	Number of Systems Furniture Work Stations in Test Space ¹		Number of Moveable Furniture Work Stations in Test Space	
	Total in Test Space	Per 100 m ² of Occupied Floor Area ²	Total in Test Space	Per 100 m ² of Occupied Floor Area
Total Number of Buildings Reporting	100	100	100	100.0
Mean (Arithmetic)	32	2.4	39	2.9
Standard Deviation	29	2.2	23	2.0
Minimum	0	0.0	0	0.0
10th Percentile	0	0.0	11	0.8
25th Percentile	7	0.6	21	1.5
50th Percentile	26	1.8	38	2.4
75th Percentile	50	3.7	54	3.8
90th Percentile	81	5.6	69	5.2
Maximum	99	8.7	97	9.6
Notes: ¹ Statistics may be underestimated as the field data collection software only allowed two characters to be entered for this variable (i.e., the maximum entry was "99" even if value exceeded this number). ² Conversion: 1 m ² equals 10.764 ft ² .				

Variable Descriptions:

Number of Systems Furniture Work Stations in Test Space describes the total number of systems furniture work stations located within the bounds of the test space. Systems furniture work stations are work stations fixed to the floor or wall and cannot be moved without detaching the furniture from its installation hardware.

Number of Systems Furniture Work Stations per 100 m² of Occupied Floor Area was calculated by dividing the number of systems furniture work stations in the test space by the test space occupied floor area.

Number of Moveable Furniture Work Stations in Test Space describes the total number of movable furniture work stations located within the bounds of the test space. Movable furniture work stations are work stations that are not attached to the floor or wall and can therefore be moved without detaching any hardware.

Number of Moveable Furniture Work Stations per 100 m² of Occupied Floor Area was calculated by dividing the number of moveable furniture work stations in the test space by the test space occupied floor area.

BASE Buildings Test Space Characteristics: Test Space Furniture Materials

Test Space Furniture Materials	Number of Buildings Reporting			
	Systems Furniture Work Stations		Moveable Furniture Work Stations	
	Primary Materials ¹	Secondary Materials ²	Primary Materials ³	Secondary Materials ⁴
Wood	3	2	32	15
Wood Veneer	23	9	42	30
Textiles	19	6	2	7
Metal	11	34	29	26
Plastic Laminate /Formica	41	16	12	18
Other	4	1	3	3
Total Number of Buildings Reporting	87	54	99	70

Notes:

¹Number of buildings based on those buildings having at least one systems workstation (n=87). Number of buildings within column may add up to greater than the total number of buildings if some buildings had more than one primary systems furniture material.

²Number of buildings based on those buildings having at least one systems workstation (n=54). Number of buildings within column may add up to more than the total number of buildings, as some buildings reported no secondary type of systems furniture material.

³Number of buildings based on those buildings having at least one moveable workstation (n=99). Number of buildings within column may add up to greater than the total number of buildings if some buildings had more than one primary moveable furniture material.

⁴Number of buildings based on those buildings having at least one moveable workstation (n=70). Number of buildings within column may add up to more than the total number of buildings if some buildings reported more than one secondary moveable furniture material.

Variable Descriptions:

Systems Furniture Work Stations - Primary Materials describes the primary systems furniture work station material for the work stations located within the bounds of the test space. Systems furniture work stations are work stations fixed to the floor or wall and cannot be moved without detaching the furniture from its installation hardware.

Systems Furniture Work Stations - Secondary Materials describes the secondary systems furniture work station material for the work stations located within the bounds of the test space.

Movable Furniture Work Stations - Primary Materials describes the primary movable furniture work station material for the work stations located within the bounds of the test space. Movable furniture work stations are work stations that are not attached to the floor or wall and can therefore be moved without detaching any hardware.

Movable Furniture Work Stations - Secondary Materials describes the secondary movable furniture work station material for the work stations located within the bounds of the test space.

The following categories apply:

Wood Veneer refers to work stations constructed using a wood veneer. Wood veneer is a thin layer of wood that is adhered to a wood composite material.

Textiles refers to work stations constructed using textiles.

Plastic Laminate/Formica refers to work stations constructed using plastic laminate or Formica.

Wood refers to work stations constructed using wood.

Metal refers to work stations constructed using metal.

Other refers to work stations constructed using a material not otherwise specified.

BASE Buildings Test Space Characteristics: Lighting

	Number of Fixed Incandescent Lamps in Test Space		Number of Fixed Fluorescent Lamps in Test Space		Number of Task Lights in Test Space ^{1, 2}		Number of Desk Lamps in Test Space	
	Total in Test Space	Per 100 m ² of Gross Floor Area ^{3,4}	Total in Test Space	Per 100 m ² of Gross Floor Area ^{3,4}	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station
Number of Buildings Reporting	100	87	100	87	99	99	100	100
Mean (Arithmetic)	13	0.7	613	35	28	0.4	9	0.1
Standard Deviation	18	0.9	367	18	32	0.4	9	0.1
Minimum	0	0.0	160	7	0	0.0	0	0.0
10th Percentile	0	0.0	264	17	0	0.0	1	0.0
25th Percentile	0	0.0	377	23	0	0.0	3	0.0
50th Percentile	5	0.3	542	33	14	0.2	6	0.1
75th Percentile	20	1.1	787	43	48	0.7	12	0.2
90th Percentile	34	1.7	977	57	80	0.9	21	0.3
Maximum	91	4.9	2956	94	99	1.8	47	0.5

Notes:

¹ Statistics may be underestimated since the field data collection software only allowed two characters to be entered for this variable (i.e., the maximum entry was "99" without use of a note

² One building did not respond to the total number of task lights in the test space.

³ Gross floor space not reported for 13 buildings surveyed in 1994 as the building survey software was did not include this variable at that time.

⁴ Conversion: 1 m² equals 10.764 ft².

Variable Descriptions:

Number of Fixed Incandescent Lamps in Test Space describes the total number of fixed incandescent lamps located within the bounds of the test space. Incandescent lamps are lamps in which an electrically heated filament emits light. These lamps are permanently fixed to walls or ceilings in the test space.

Number of Fixed Incandescent Lamps per 100 m² of Gross Floor Area was calculated by dividing the total number of fixed incandescent lamps in the test space by the test space gross floor area.

Number of Fixed Fluorescent Lamps in Test Space describes the total number of fixed fluorescent lamps located within the bounds of the test space. Fluorescent lamps are tubular electric lamps in which light is produced by the action of ultraviolet light on a fluorescent material that coats the inner surface of the lamp. The lamps are permanently fixed to walls or ceilings in the test space.

Number of Fixed Fluorescent Lamps per 100 m² of Gross Floor Area was calculated by dividing the total number of fixed fluorescent lamps in the test space by the test space gross floor area.

Number of Task Lights in Test Space describes the total number of task lights located within the bounds of the test space. Task lights are lights built into system furniture.

Number of Task Lights per Work Station was calculated by dividing the number of task lights in the test space by the number of work stations in test space (sum of the private office, open office, and partition office work stations identified in the test space).

Number of Desk Lamps in Test Space describes the total number of desk lamps located within the bounds of the test space. Desk lamps include all lights found on work stations that are detachable from the furniture.

Number of Desk Lamps per Work Station was calculated by dividing the number of desk lamps in the test space by the number of work stations in test space (sum of the private office, open office, and partition office work stations identified in the test space).

BASE Buildings Test Space Characteristics: Quantities of Self-Contained Equipment in Test Space

	Air Cleaners ¹		Space Heaters ²		Humidifiers ³		Dehumidifiers ⁴		Desk Fans ⁵	
	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station
Number of Buildings Reporting	100	100	100	100	100	100	100	100	100	100
Mean (Arithmetic)	2	0.0	4	0.0	1	0.0	0	0.0	10	0.1
Standard Deviation	1	0.0	4	0.1	0	0.0	3	0.0	13	0.2
Minimum	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10th Percentile	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
25th Percentile	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0
50th Percentile	0	0.0	0	0.0	0	0.0	0	0.0	6	0.1
75th Percentile	0	0.0	2	0.0	0	0.0	0	0.0	12	0.2
90th Percentile	1	0.0	6	0.1	0	0.0	0	0.0	21	0.3
Maximum	5	0.1	21	0.5	2	0.0	25	0.4	69	0.9

Notes:

¹Air cleaners were reported in 19 of the 100 test spaces.

²Space heaters were reported in 44 of the 100 test spaces.

³Humidifiers were reported in 8 of the 100 test spaces.

⁴Dehumidifiers were reported in 2 of the 100 test spaces.

⁵Desk fans were reported in 90 of the 100 test spaces.

Variable Descriptions:

Number of Air Cleaners in Test Space describes the total number of air cleaners located within the bounds of the test space. Air cleaners are units in the test space that are not part of the building heating, ventilating, and air conditioning system. The unit filters the air in an area of the test space using filter media and a fan.

Number of Space Heaters in Test Space describes the total number of space heaters located within the bounds of the test space. Space heaters are units in the test space that are not part of the building heating, ventilating, and air conditioning system. They provide heat for the room where they are located.

Number of Humidifiers in Test Space describes the total number of humidifiers located within the bounds of the test space. Humidifiers are units in the test space that add water vapor to the air and under this category are not integral to the building heating, ventilating, and air conditioning system.

Number of Dehumidifiers in Test Space describes the total number of dehumidifiers located within the bounds of the test space. Dehumidifiers are units in the test space that remove water vapor from the air and under this category are not integral to the building heating, ventilating, and air conditioning system.

Number of Desk Fans in Test Space describes the total number of desk fans located within the bounds of the test space.

Per Work Station values were calculated by dividing the quantity of each type of self-contained equipment in the test space by the number of work stations in test space (sum of the private office, open office, and partition office work stations identified in the test space).